

Title (en)

Method of forming a multi-piece insert device with seal for ophthalmic devices and such device

Title (de)

Verfahren zur Herstellung einer mehrteiligen Einsetzvorrichtung für ophthalmische Vorrichtungen und entsprechende Einsetzvorrichtung

Title (fr)

Procédé de formation d'un dispositif d'insertion à pièces multiples avec joint d'étanchéité pour dispositifs ophtalmiques et le dispositif correspondant

Publication

**EP 2754549 A1 20140716 (EN)**

Application

**EP 14150458 A 20140108**

Priority

- US 201361750691 P 20130109
- US 201361750666 P 20130109

Abstract (en)

A method of forming a multi-piece insert (400) for an ophthalmic lens (200) comprising forming a back curve piece (492) and a front curve piece (410); depositing a conductive material (430, 440, 470, 480) and attaching an electronic component to one or both of the pieces; form a seal upon a surface of one of the pieces; combining the pieces to form an ophthalmic insert piece (400), causing the material to seal a cavity interior to the combination of the back curve piece and the front curve piece.

IPC 8 full level

**B29D 11/00** (2006.01); **G02C 7/04** (2006.01)

CPC (source: EP)

**B29D 11/00038** (2013.01); **B29D 11/00807** (2013.01); **G02C 7/04** (2013.01)

Citation (search report)

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- [XA] US 2004027536 A1 20040212 - BLUM RONALD D [US], et al
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- [A] WO 2008091859 A1 20080731 - E VISION LLC [US], et al

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2754549 A1 20140716**; EP 3225385 A1 20171004; HK 1199861 A1 20150724; HK 1244753 A1 20180817

DOCDB simple family (application)

**EP 14150458 A 20140108**; EP 17166179 A 20140108; HK 15100371 A 20150114; HK 18103194 A 20180306